

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Ki-keon YEOM et al.

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: October 2, 2003

Examiner:

For: DISC CENTERING DEVICE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

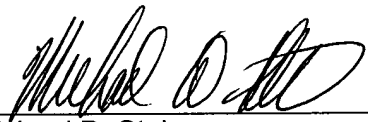
1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of IDS citations.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
  - 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of some of the non-English publication.
2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of one non-English language publication is  
  
(Check appropriate Items 2a, 2b, 2c and/or 2d)
  - 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
  - 2b. ☒ set forth in the application.

- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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Michael D. Stein  
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FORM PTO-1449 <div style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</div> <div style="text-align: center;"><b>LIST OF REFERENCES CITED BY APPLICANT</b></div> <div style="text-align: center;"><i>(Use several sheets if necessary)</i></div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">ATTORNEY DOCKET NO. <b>1572.1147</b></td> <td style="width: 50%; padding: 2px;">APPLICATION NO.</td> </tr> <tr> <td colspan="2" style="padding: 2px;">FIRST NAMED INVENTOR Ki-keon YEOM et al.</td> </tr> <tr> <td style="padding: 2px;">FILING DATE October 2, 2003</td> <td style="padding: 2px;">GROUP ART UNIT Unassigned</td> </tr> </table>	ATTORNEY DOCKET NO. <b>1572.1147</b>	APPLICATION NO.	FIRST NAMED INVENTOR Ki-keon YEOM et al.		FILING DATE October 2, 2003	GROUP ART UNIT Unassigned
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FIRST NAMED INVENTOR Ki-keon YEOM et al.							
FILING DATE October 2, 2003	GROUP ART UNIT Unassigned						

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA	5,537,272	07/16/1996	Kazmierczak et al.			
AB	6,158,112	12/12/2000	Kim et al.			
AC	6,356,409	03/12/2002	Price et al.			
AD	2001\40751	11/15/2001	Hayakawa et al.			

### FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
AE	10-223210	Korea				X
AF	10-328502	Korea				X
AG	2000-20562	Korea				X
AH	2002-35456	Korea				X
AI	97-55893	Korea				X
AJ	20-147518	Korea				X
AK	20-200895	Korea				X
AL	6-96557	Japan				X
AM	9-120669	Japan				X
AN	11-66766	Japan				X
AO	2001-6265	Japan				X

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AM	
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EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO. 1572.1147	APPLICATION NO.
	FIRST NAMED INVENTOR Ki-keon YEOM et al.	
	FILING DATE October 2, 2003	GROUP ART UNIT Unassigned

Korean Publication No. 10-223210, published 07/08/1999, is set forth in the application as Korean Application No. 1996-53058.

Korean Patent No. 10-328502, filed 02/28/2002, is generally related to "DISC CENTERING DEVICE."

Korean Publication No. 2000-20562, published 04/15/2000, is generally related to "DISC CENTERING DEVICE."

Korean Publication No. 2002-35456, published 05/11/2002, is generally related to "DISC CENTERING DEVICE."

Korean Publication No. 97-55893, published 10/13/1997, is generally related to "DISC CENTERING DEVICE."

Korean Publication No. 20-147518, published 03/09/1999, is generally related to "DISC CENTERING DEVICE."

Korean Publication No. 20-200895, published 11/01/2000, is generally related to "DISC CENTERING DEVICE."

Japanese Publication No. 6-96557, published 04/08/1994, is generally related to "DISC CENTERING DEVICE."

Japanese Publication No. 9-120669, published 05/06/1997, is generally related to "DISC CENTERING DEVICE."

Japanese Publication No. 11-66766, published 03/09/1999, is generally related to "DISC CENTERING DEVICE."

Japanese Publication No. 2001-6265, published 01/12/2001, is generally related to "DISC CENTERING DEVICE."

## LIST OF REFERENCES FOR IDS

NO.	PATENT NO. // FIRST PUBLICATION NO.	ISSUE DATE // FIRST PUBLICATION DATE	ATTACHED
1 ✓	KR Patent No. 223210	1999.07.08	○
2	KR Patent No. 328502	2002.02.28	○
3	KR Patent First Pub. No. 2000-20562	2000.04.15	○
4	KR Patent First Pub. No. 2002-35456	2002.05.11	○
5	KR Utility Model First Pub. No. 1997-55893	1997.10.13	○
6	KR Utility Model No. 147518	1999.03.09	○
7	KR Utility Model No. 200895	2000.08.14	○
8	JP Patent First Pub. No. 6-96557	1994.04.08	○
9	JP Patent First Pub. No. 9-120669	1997.05.06	○
10	JP Patent First Pub. No. 11-66766	1999.03.09	○
11	JP Patent First Pub. No. 2001-6265	2001.01.12	○
12	US Patent No. 5,537,272	1996.07.16	○
13	US Patent No. 6,158,112	2000.12.12	○
14	US Patent No. 6,356,409	2002.03.12	○
15	US Patent Pub. No. 2001/0040751 A1	2001.11.15	○